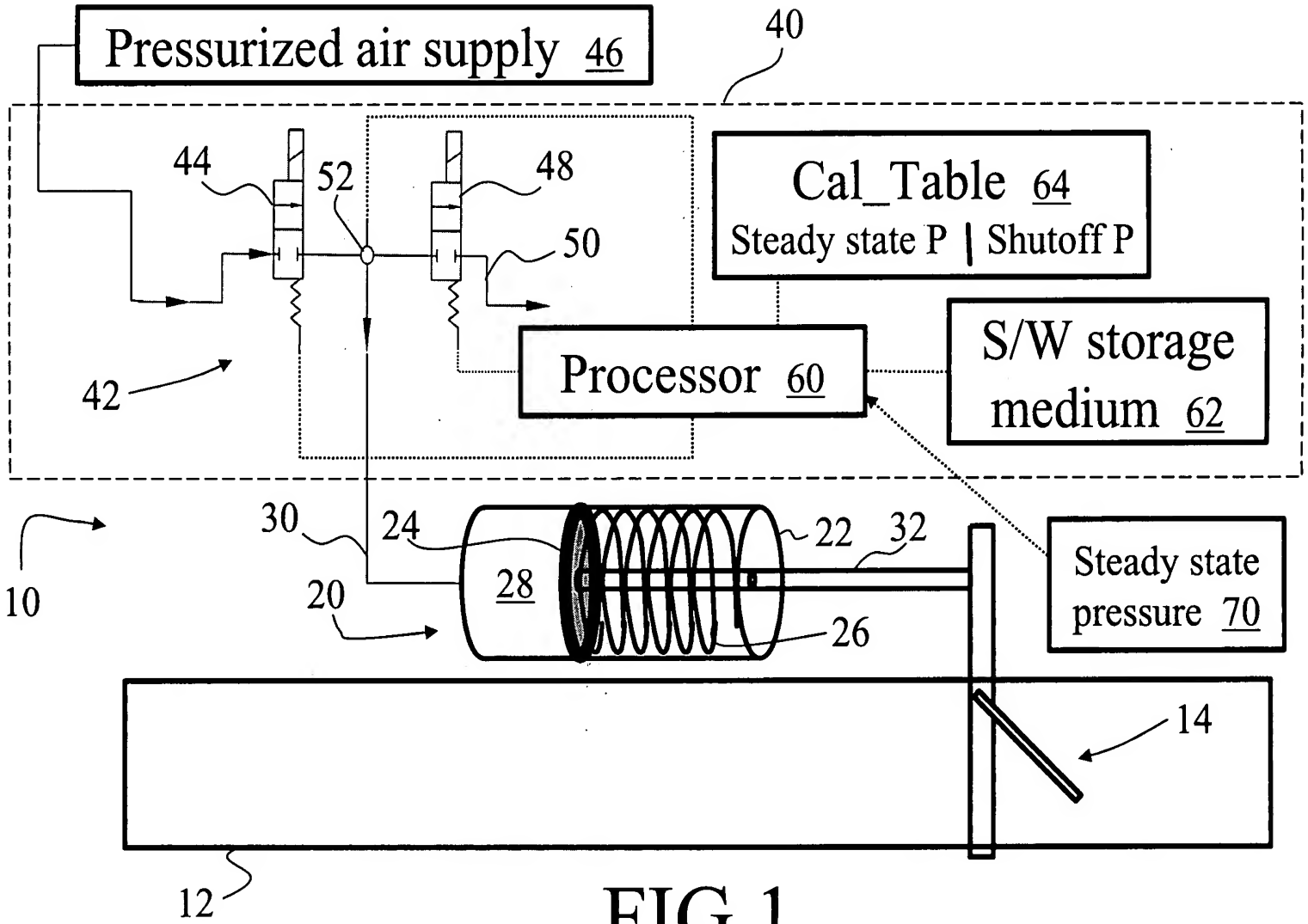
Pressurized air supply 46
40
44
52
48
50
Cal_Table 64
Steady state P | Shutoff P
S/W storage medium 62
Processor 60
42
30
24
22
32
28
20
26
Steady state pressure 70
10
14
12

FIG 1

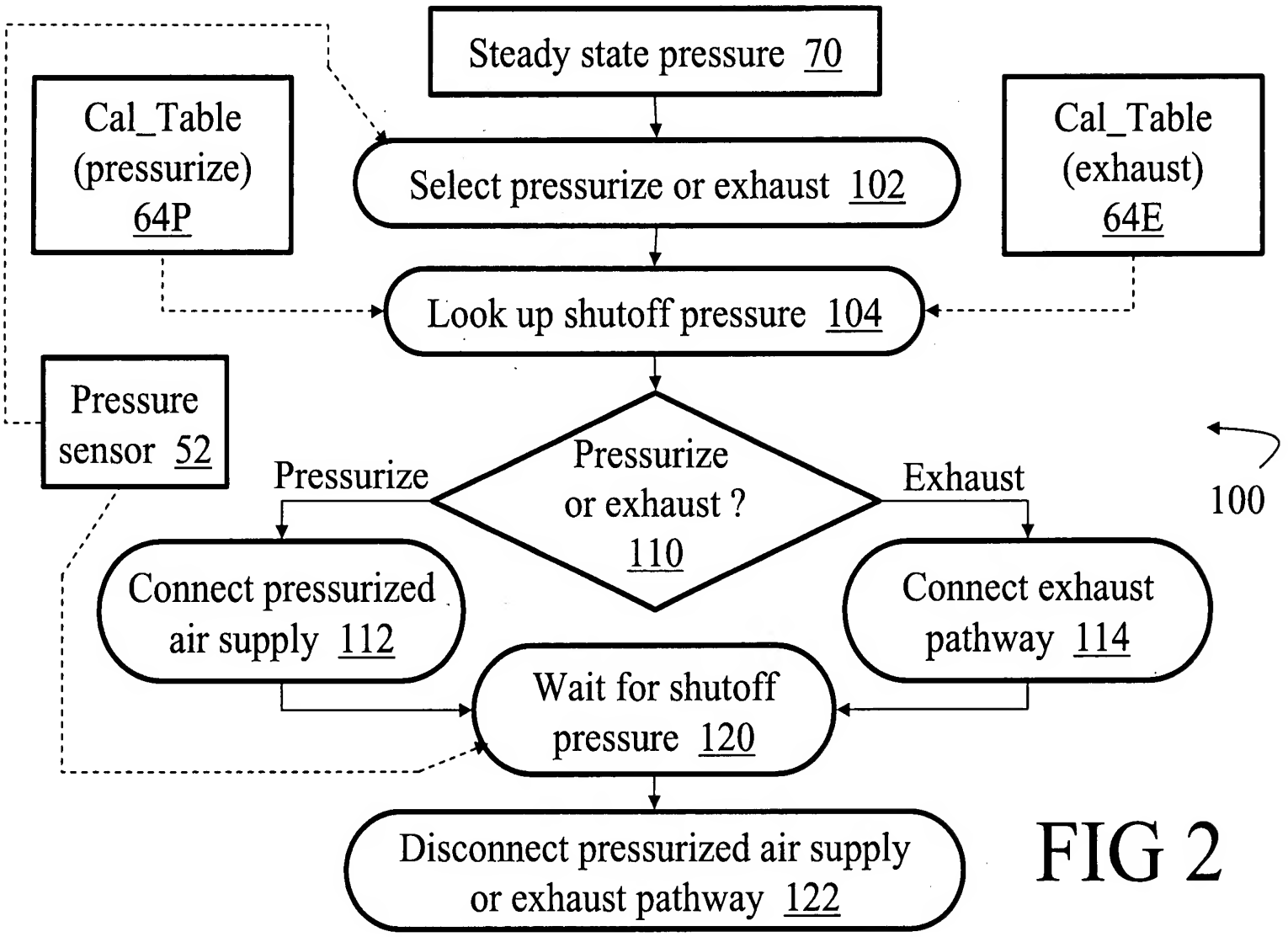
Steady state pressure 70
Cal_Table (pressurize) 64P
Select pressurize or exhaust 102
Cal_Table (exhaust) 64E
Look up shutoff pressure 104
Pressure sensor 52
Pressurize or exhaust ? 110
Pressurize
Exhaust
100
Connect pressurized air supply 112
Connect exhaust pathway 114
Wait for shutoff pressure 120
Disconnect pressurized air supply or exhaust pathway 122

FIG 2

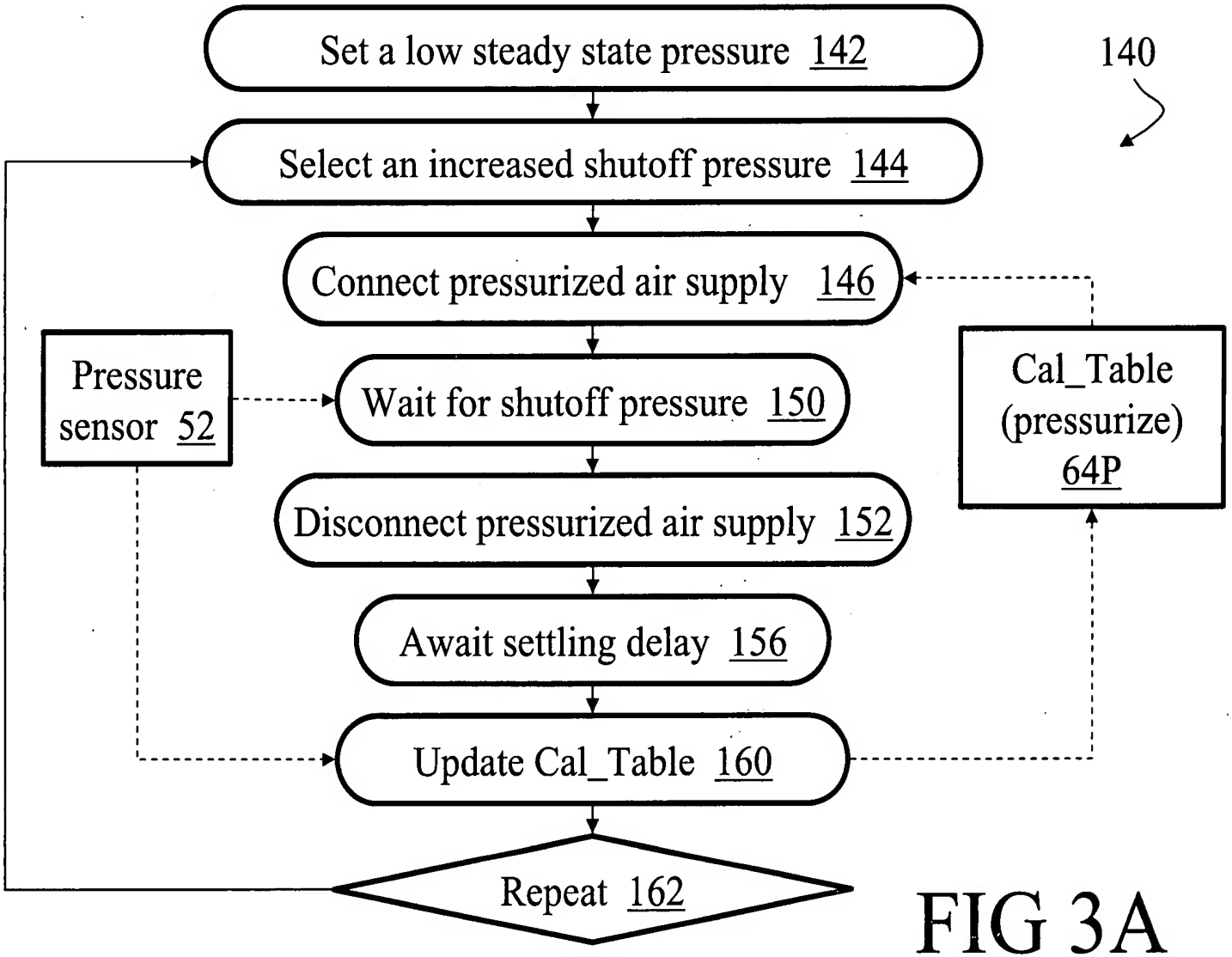
Set a low steady state pressure 142
140
Select an increased shutoff pressure 144
Connect pressurized air supply 146
Pressure sensor 52
Wait for shutoff pressure 150
Cal_Table (pressurize) 64P
Disconnect pressurized air supply 152
Await settling delay 156
Update Cal_Table 160
Repeat 162

FIG 3A

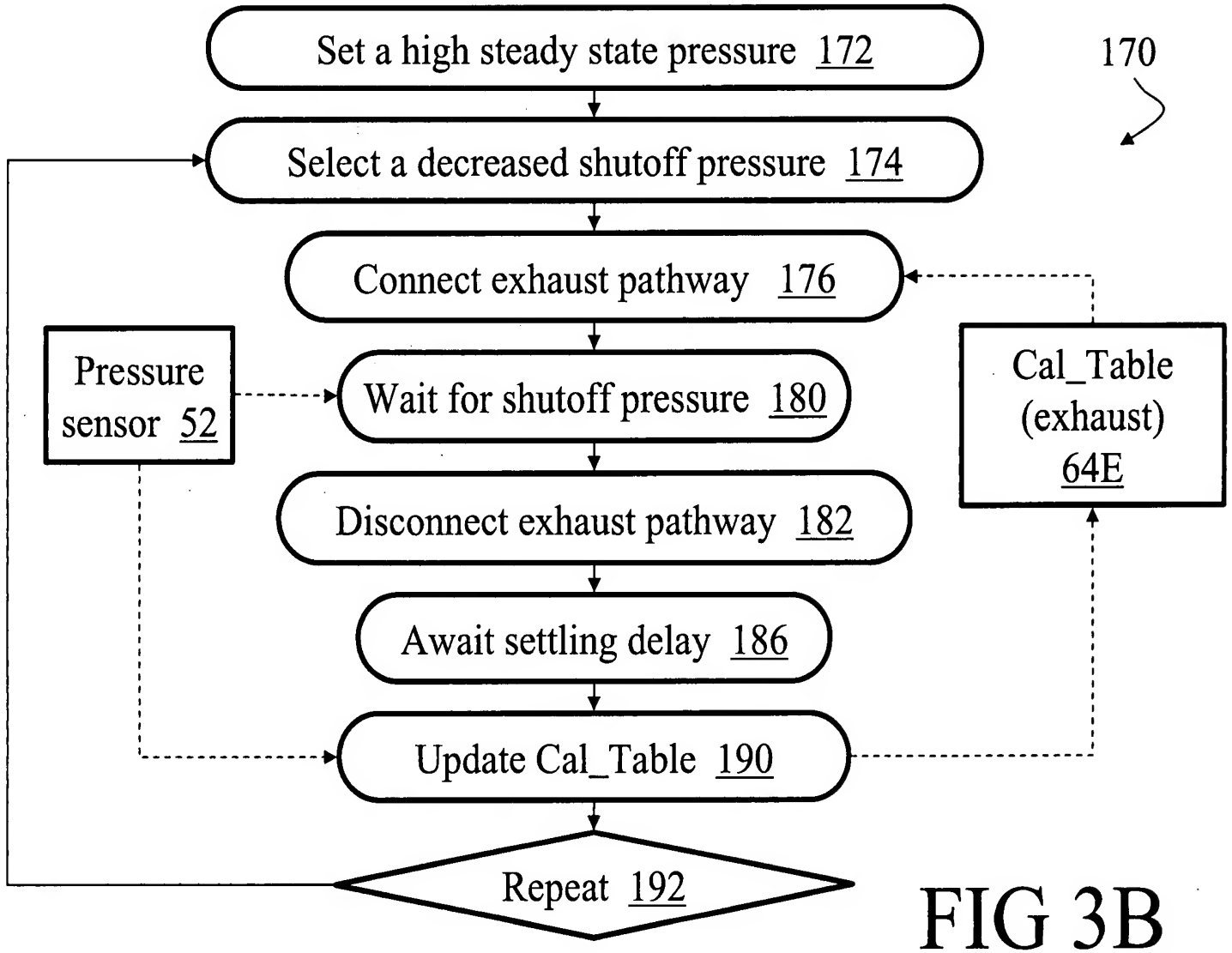
Set a high steady state pressure 172
170
Select a decreased shutoff pressure 174
Connect exhaust pathway 176
Pressure sensor 52
Wait for shutoff pressure 180
Cal_Table (exhaust) 64E
Disconnect exhaust pathway 182
Await settling delay 186
Update Cal_Table 190
Repeat 192

FIG 3B

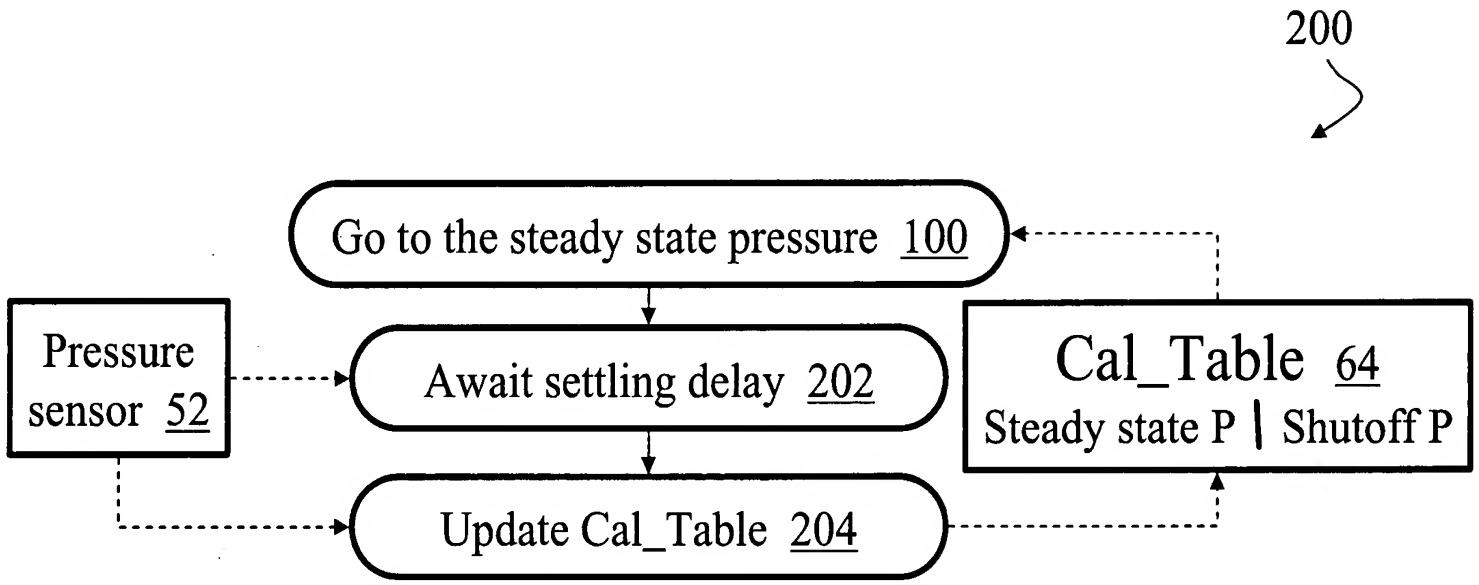
200
Go to the steady state pressure 100
Pressure sensor 52
Await settling delay 202
Update Cal_Table 204
Cal_Table 64
Steady state P | Shutoff P

FIG 3C